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<b>Substitute for form 1449/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/577,337		
		Filing Date	April 28, 2006		
		First Named Inventor	Hitoshi NAOE		
		Art Unit	<del>2643</del> 2416		
		Examiner Name	<del>Not Yet Assigned</del> wong, x.		
Sheet	1	of	1	Attorney Docket Number	1248-0867PUS1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA*	US-6,297,802-B1	10-02-2001	Fujioka	
	AB*	US-2004/0170134-A1	09-02-2004	Furuyama et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	BA	JP-4-291556-A	10-15-1992			✓
	BB	JP-2000-196622-A	07-14-2000			✓
	BC	JP-2003-263403-A	09-19-2003			✓
	BD	JP-10-308791-A	11-17-1998			✓
	BE	JP-2003-69610-A	03-07-2003			✓
	BF	JP-11-154908-A	06-08-1999			✓
	BG	JP-2002-158730-A	05-31-2002			✓
	BH	JP-2003-218936-A	07-31-2003			✓
	BI	JP-10-107737-A	04-24-1998			✓
	BJ	JP-10-126758-A	05-15-1998			✓
	BK	JP-10-98435-A	04-14-1998			✓
	BL	JP-2004-343246-A	12-02-2004			✓
	BM	JP-2003-258880-A	09-12-2003			✓
	BN	JP-2005-354652-A	12-22-2005			✓
	BO	EP-0886410-A2	12-23-1998			
	BP	JP-2004-236108-A	08-19-2004			✓
	BQ	JP-9-224069-A	08-26-1997			✓

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	Matsumoto et al., Technical Report of IEICE, The Institute of Electronics, Information and Communication Engineers, pp. 1-7, (January 28, 2000).	✓

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	/Xavier S. Wong/	Date Considered	05/09/2009
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CG/btp

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